



THE CLAIMS:

This listing of the claims is the current listing of claims and does not include any amendments at this time. The current listing reads as follows:

1-20. (Cancelled).

21. (Previously Presented) A process for photo-fabricating a three-dimensional object by selectively curing a photo-curable resin composition comprising:

- (a) an oxetane having two or more oxetane rings;
- (b) an epoxy compound; and
- (c) a cationic photoinitiator,

wherein said process comprises

- (i) forming a layer of said composition;
- (ii) selectively irradiating said layer of said composition to form a solid cured resin layer;
- (iii) forming a layer of said composition on the solid cured resin layer; and
- (iv) repeating steps (ii) and (iii).

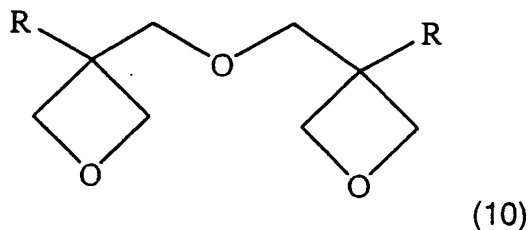
22. (Previously Presented) A process for photo-fabricating a three-dimensional object by selectively curing a photo-curable resin composition comprising:

- (a) an oxetane;
- (b) an epoxy compound; and
- (c) a cationic photoinitiator,

wherein said process comprises

- (i) forming a layer of said composition;
- (ii) selectively irradiating said layer of said composition to form a solid cured resin layer;
- (iii) forming a layer of said composition on the solid cured resin layer; and
- (iv) repeating steps (ii) and (iii);

wherein said oxetane is represented by the following formula (10):



wherein R represents a hydrogen atom; a fluorine atom; an alkyl group having from 1 to 6 carbon atoms; a fluoroalkyl group having from 1 to 6 carbon atoms; an aryl group having from 6 to 18 carbon atoms; a furyl group; or a thienyl group.

23. (Previously Presented) The process of claim 22, wherein each R represents an alkyl group having from 1 to 6 carbon atoms.

24. (Previously Presented) The process of claim 22, wherein each R represents an ethyl group.

25. (Previously Presented) A process for photo-fabricating a three-dimensional object by selectively curing a photo-curable resin composition comprising:

- (a) an oxetane having 3 or more oxetane rings;
- (b) an epoxy compound; and
- (c) a cationic photoinitiator,

wherein said process comprises

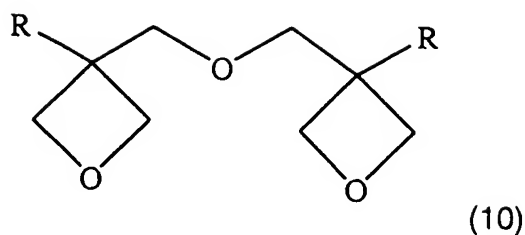
- (i) forming a layer of said composition;
- (ii) selectively irradiating said layer of said composition to form a solid cured resin layer;
- (iii) forming a layer of said composition on the solid cured resin layer; and
- (iv) repeating steps (ii) and (iii).

26-53. (Cancelled).

54. (Previously Presented) A composition comprising:

- (i) an oxetane comprising two or more oxetane rings;
- (ii) an epoxy compound;
- (iii) a cationic photoinitiator; and
- (iv) a polyfunctional monomer selected from the group consisting of penta(meth)acrylates and hexa(meth)acrylates.

55. (Previously Presented) The composition of claim 54, wherein said oxetane is represented by the following formula 10:



wherein R represents a hydrogen atom; a fluorine atom; an alkyl group having from 1 to 6 carbon atoms; a fluoroalkyl group having from 1 to 6 carbon atoms; an aryl group having from 6 to 18 carbon atoms; a furyl group; or a thienyl group.

56. (Previously Presented) The composition of claim 55, wherein each R represents an alkyl group having from 1 to 6 carbon atoms.

57. (Previously Presented) The composition of claim 55, wherein each R represents an ethyl group.

58. (Previously Presented) A composition comprising:

- (i) an oxetane comprising three or more oxetane rings;
- (ii) an epoxy compound;
- (iii) a cationic photoinitiator; and

- (iv) a polyfunctional monomer selected from the group consisting of
penta(meth)acrylates and hexa(meth)acrylates.

59-67. (Cancelled).